09699650 CLS

Most Frequently Occurring Classifications of Patents Returned From A Search of 09699650 on April 05, 2005

4 711/118 3 709/203 2 345/10 2 711/128 2 711/133 Cross-Reference Classifications 711/133 3 711/134 3 711/136 3 711/138 3 711/145 2 219/445.1 2 219/448.12 707/104.1 2 707/200 2 709/217 2 709/218 2 709/219 2 711/142 2 711/143 2 711/144 2 711/167 Combined Classifications 5 711/118 5 711/133 3 709/203 3 709/219 711/134 3 711/136 3 711/138 3 711/145 2 126/39BA 2 219/445.1 2 219/448.12 2 345/10 2 707/104.1 2 707/200 2 709/217 2 709/218 711/111 2 711/128

Original Classifications

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- 711/142 711/143 711/144
- 2 2 2 2
- 711/167

 ${\tt 09699650_CLSTITLES}\\ {\tt Titles\ of\ Most\ Frequently\ Occurring\ Classifications\ of\ Patents\ Returne}\\$

From A Search of 09699650 on April 05, 2005

5	711/118 Class 711/100 711/117 711/118	711	: ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MEMORY STORAGE ACCESSING AND CONTROL
5	711/133 Class 711/100 711/117 711/118 711/133	711	: ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MEMORY STORAGE ACCESSING AND CONTROL
	ATING	709	: ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO DISTRIBUTED DATA PROCESSING
			OR, 2 XR) : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
RDIN	ATING 709/217 709/219		REMOTE DATA ACCESSING .Accessing a remote server
3	711/100	711	OR, 3 XR) : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MEMORY STORAGE ACCESSING AND CONTROL .Hierarchical memoriesCachingEntry replacement strategyCombined replacement modes
3	711/136 Class 711/100 711/117	711	OR, 3 XR) : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MEMORY STORAGE ACCESSING AND CONTROL . Hierarchical memories

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                        ..Caching
          711/118
                        ... Entry replacement strategy
          711/133
                        ....Least recently used
          711/136
                  (0 \text{ OR}, 3 \text{ XR})
  3
    711/138
                  711 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
          Class
                          SYSTEMS: MEMORY
          711/100
                        STORAGE ACCESSING AND CONTROL
          711/117
                        .Hierarchical memories
                        ..Caching
          711/118
          711/138
                        ... Cache bypassing
    711/145
                  (0 OR, 3 XR)
                  711 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
          Class
                          SYSTEMS: MEMORY
          711/100
                        STORAGE ACCESSING AND CONTROL
          711/117
                        .Hierarchical memories
          711/118
                        ..Caching
          711/141
                        ...Coherency
          711/145
                        ....Access control bit
                   (1 OR, 1 XR)
  2
    126/39BA
                  126 : STOVES AND FURNACES
          Class
          126/99R
                       HOT-AIR FURNACES
          126/1R
                       .Cooking
                        .. Combined base and hot closet
          126/55
          126/39R
                        ...Gas
                        ....Electric features
          126/39BA
                  (0 OR, 2 XR)
  2 219/445.1
                  219 : ELECTRIC HEATING
          Class
          219/260
                        .Resistive element:
                                             igniter type
                        .Combined with container, enclosure, or suppor
          219/385
                             for material to be heated
                        .. Exposed horizontal planar support surface fo
          219/443.1
r
                            material to be heated (e.g., hot plate, et
c.)
                        ...With indicator
          219/445.1
     219/448.12
                  (0 OR, 2 XR)
                  219 : ELECTRIC HEATING
          Class
                        .Resistive element: igniter type
          219/260
          219/385
                        .Combined with container, enclosure, or suppor
t
                               for material to be heated
          219/443.1
                        .. Exposed horizontal planar support surface fo
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r material to be heated (e.g., hot plate, etc.) 219/446.1 ... Having sensor 219/448.11Responsive to temperature 219/448.12Having microprocessor to control output o f the heating device 2 345/10 (2 OR, 0 XR) 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR Class INTERFACE PROCESSING, AND SELECTIVE VISUAL DISPLAY SYSTEMS 345/10 DATA RESPONSIVE CRT DISPLAY CONTROL 707/104.1 (0 OR, 2 XR)707 : DATA PROCESSING: DATABASE AND FILE Class MANAGEMENT OR DATA STRUCTURES 707/100 DATABASE SCHEMA OR DATA STRUCTURE 707/104.1 .Application of database or data structure (e.g., distributed, multimedia, image) 2 707/200 (0 OR, 2 XR) 707 : DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES 707/200 FILE OR DATABASE MAINTENANCE 2 709/217 (0 OR, 2 XR) 709: ELECTRICAL COMPUTERS AND DIGITAL PROCESSING Class SYSTEMS: MULTIPLE COMPUTER OR PROCESS RDINATING 709/217 REMOTE DATA ACCESSING 709/218 (0 OR, 2 XR) 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING Class SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO RDINATING 709/217 REMOTE DATA ACCESSING 709/218 .Using interconnected networks 2 711/111 (1 OR, 1 XR)711 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING Class SYSTEMS: MEMORY 711/100 STORAGE ACCESSING AND CONTROL 711/101 .Specific memory composition 711/111 .. Accessing dynamic storage device

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09699650 CLSTITLES
2 711/128
              (2 OR, 0 XR)
       Class 711: ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                      SYSTEMS: MEMORY
                  STORAGE ACCESSING AND C
.Hierarchical memories
       711/100
                    STORAGE ACCESSING AND CONTROL
       711/117
                   ..Caching
       711/118
       711/128
                    ... Associative
2 711/142 (0 OR, 2 XR)
       Class
              711 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                      SYSTEMS: MEMORY
       711/100
                   STORAGE ACCESSING AND CONTROL
                   .Hierarchical memories
       711/117
                   ..Caching
       711/118
       711/141
                   ...Coherency
       711/142
                    ....Write-through
2 711/143 (0 OR, 2 XR)
       Class 711: ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                      SYSTEMS: MEMORY
       711/100 · STORAGE ACCESSING AND CONTROL
       711/117
                   .Hierarchical memories
                   ..Caching
       711/118
       711/141
                   ...Coherency
       711/143
                   ....Write-back
2 711/144 (0 OR, 2 XR)
       Class 711: ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                      SYSTEMS: MEMORY
       711/100 STORAGE ACCESSING AND CONTROL
       711/117
                   .Hierarchical memories
                   ..Caching
       711/118
                   ...Coherency
       711/141
       711/144
                    .... Cache status data bit
 711/167
              (0 OR, 2 XR)
       Class
              711 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                      SYSTEMS: MEMORY
                   STORAGE ACCESSING AND CONTROL
       711/100
```

.Access timing

711/167

```
able 1
about 11
above 10
abstract 1
ac 14
access 17
accessed 1
accesses 1
accompanying 1
accomplished 4
accordance 10
according 3
accumulated 2
ace 1
actual 1
actually 3
ad 2
adapters 1
additional 4
additionally 2
address 1
addresses 6
adjacent 1
adrian 1
after 1
again 1
aii 1
aimed 1
air 1
airlink 1
al 3
algorithms 2
all 9
allocated 1
allows 3
along 3
also 18
altemative 3
alternating 1
alternatively 3
although 1
altogether 1
among 1
amount 2
amplifies 1
an 90
analo 1
analog 11
```

```
and 179
annlicationts 1
another 5
antenna 13
antennas 1
any 9
apparatus 5
apparent 2
applicability 1
applicable 1
application 8
applications 2
applied 1
appropriate 5
approximately 11
april 1
architecture 2
architectures 3
ard 2
are 37
area 2
areas 2
arrangement 2
art 7
as 64
asic 2
assembled 1
associated 7
at 22
audio 54
audiovisual 10
automatically 1
available 9
back 8
background 9
backoround 1
band 24
bands 1
bandwidth 1
based 6
be 86
become 3
been 4
before 1
begin 1
beginning 1
begins 6
being 11
```

belongs 1 below 1 benefit 1 between 7 billed 3 bit 3 bitrate 5 bitrates 1 bits 3 bitstream 7 bitstreams 6 block 10 blocking 1 blocr 1 bossard 1 both 4 boundary 2 box 8 brief 1 broadband 6 broadcast 23 broadcasts 1 browser 1 buffer 7 buffered 3 buffers 4 burden 1 bus 14 but 5 by 32 byte 2 bytes 6 cabl 1 cable 7 cache 2 cached 1 caching 10 called 3 can 13 capable 3 capacity 1 card 1 carrier 6 category 1 cd 1 cedain 1 cell 2 cellular 3

```
cess 1
changes 1
channel 7
channels 10
chip 4
chips 1
chipsk 1
cient 1
ciently 1
circuit 5
circuitry 5
circuits 1
circular 2
claims 2
clalms 1
clarity 1
coaxial 1
coded 1
codes 1
coding 1
collectively 1
color 1
colors 1
combined 2
commercial 1
committee 1
commonly 1
communication 1
communications 1
compiles 1
complete 2
compliant 1
componeit 1
component 3
components 5
composite 1
compre 1
compressed 4
compression 2
comprise 2
computer 3
conditional 14
configuration 2
configured 2
conn 1
connect 1
connected 12
connection 3
```

```
connections 1
consolidated 6
constraiits 1
construct 2
constructed 5
construction 2
consumers 1
contain 2
containing 1
contains 2
contents 1
continental 1
continuity 3
control 9
controlled 1
controller 1
controllers 2
controls 3
conveded 2
conveder 4
conveds 1
convenience 2
conveniently 1
conventional 10
conversion 2
converter 1
converts 3
convolution 1
copy 3
core 1
correction 5
correspo 1
correspond 1
corresponds 1
could 2
counter 3
coupled 2
course 3
covers 1
crypto 1
currently 1
dac 4
dash 1
dashed 2
data 127
dation 1
de 6
decide 2
```

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```
decode 2
decoded 5
decoder 37
decoders 3
decodes 1
decoding 1
decompress 1
decompression 4
decrypt 2
decrypted 7
decryption 4
ded 2
defines 1
definition 3
delivering 1
delivers 2
demo 1
demodulator 6
depadure 1
depending 4
der 2
ders 1
described 11
descrintion 1
description 7
designated 1
desired 7
destinations 2
detail 1
detailed 5
determines 2
developed 2
devi 1
device 23
devices 7
devicets 1
di 1
diagram 7
different 5
digital 48
digitally 2
digitized 1
dilerent 1
ding 1
direct 6
directed 1
direction 1
directly 1
```

```
directvtm 1
disc 2
discemable 1
disclosed 2
disclosure 1
discussed 2
dish 9
disk 2
dispensed 1
display 22
displayed 2
distributes 1
distribution 10
diversity 1
divided 1
dkt 20
dma 1
dolby 1
dolbytm 2
dominant 1
done 1
doubling 1
down 7
downconveder 3
downlink 2
downlinks 1
downward 1
drawings 1
drawinns 1
drive 3
dulator 1
dvb 2
dvhs 1
dvr 11
dwelling 1
each 13
eadh 2
earlier 1
earth 3
effedively 1
efficiently 1
either 1
electronic 1
eliminated 2
embodied 4
embodiment 13
embodiments 1
en 1
```

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```
enable 1
enabling 1
encodation 3
encode 2
encoded 11
encoder 13
encoders 3
encodes 1
encoding 1
encrwted 1
encrypted 17
encryption 1
end 3
entertainment 1
entire 2
entitled 2
envisioned 1
equally 1
equippe 1
equipped 7
error 5
essentially 1
et 2
etc 2
europe 1
event 30
events 16
eventual 2
eventually 1
example 19
examples 1
exchange 1
exemplae 1
exemplary 16
exist 1
exp 1
exped 2
explained 1
extemal 12
external 4
facility 4
fact 1
fcm 1
fec 7
fed 4
feeds 1
fiber 1
field 1
```

```
fig 16
figs 1
figu 1
figure 19
filed 2
filters 1
find 2
first 2
five 1
fixed 2
flags 2
flash 1
flexibility 1
flexibly 1
flow 8
fo 2
following 1
footprint 1
for 80
form 1
format 5
formats 2
forth 1
four 4
frame 3
frames 3
free 2
frequencies 5
frequency 16
from 40
front 3
fudher 4
fully 1
fun 1
functions 6
further 5
furthermore 3
future 2
gaske 1
gbytes 4
general 7
generally 4
geo 1
geographic 4
geographically 1
geosynchronous 2
ghz 10
given 6
```

```
gl 1
graphical 1
graphics 1
group 2
guide 8
half 6
hand 2
handling 1
hard 3
has 4
have 5
having 5
hdd 15
hdw 2
he 1
header 2
here 1
herein 1
hereinafter 4
hereinbelow 1
hi 1
high 1
highlight 1
hns 20
hold 1
holds 1
homes 1
host 19
hour 3
how 2
however 4
iained 1
iand 2
iarge 1
iater 4
iatter 1
iayback 2
iayer 2
id 1
identical 2
identifies 3
identify 1
ideo 1
ieast 2
ieft 1
iess 1
ievel 1
if 11
```

```
iike 1
iimited 2
iine 2
iines 5
iisten 1
iisting 1
ij 3
ik 1
ikl 1
il 2
ilj 1
illustrated 2
illustrates 7
illustrating 2
illustration 2
ilt 1
implement 1
implementation 4
implemented 2
in 116
includ 1
include 16
included 3
includes 12
including 13
incoming 2
incorporated 1
increments 1
indicate 3
indicated 1
indicating 1
indicator 1
individual 10
individually 1
industry 1
inform 1
information 12
informs 1
ing 1
inierconnect 1
input 8
inputs 1
inside 1
instead 1
instructed 1
instruction 1
instructs 1
inte 1
```

```
intedace 2
integrate 1
integrated 5
intel 1
intemal 1
intended 1
intents 1
interchangeable 1
interconnect 2
interest 1
interface 29
interference 1
interlaced 1
intermediate 2
intermix 1
interrupt 1
intewention 1
into 9
invention 34
iocal 1
iocated 2
iocation 2
iocations 2
iong 1
iooks 2
iq 1
ir 1
ird 1
is 119
ise 1
it 10
ital 1
iti 1
itl 1
its 1
iver 1
jl 2
jln 1
jlp 1
ka 1
kbps 5
key 2
khown 1
ki 1
known 8
ku 6
landmbased 1
large 1
```

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```
later 5
layer 2
least 1
left 1
less 1
lf 1
lhcp 4
limitative 1
limited 3
line 1
lines 2
lj 1
lmds 2
ln 7
lnb 5
locations 2
logic 1
lor 1
low 1
lr 1
lt 1
lwu 1
lz 1
made 3
magnetic 1
main 1
make 1
manner 5
manners 1
many 6
mass 2
materials 1
maximum 5
may 88
mbps 5
me 1
medium 12
memol 1
memories 1
memory 19
mentioned 3
menu 1
method 5
mhz 4
micro 1
microprocessor 5
microprocessors 1
miie 1
```

```
mile 1
million 1
minutes 1
mips 1
mixed 1
mmds 2
mode 2
modifications 2
modul 1
modulated 9
modulates 1
mok 1
monitor 3
monitors 1
month 1
more 17
moreover 1
most 1
motion 2
move 1
mpe 1
mpeg 32
mpegq 3
mponents 1
ms 1
much 1
multi 3
multiple 2
multiplexed 2
multiplexing 2
must 5
nals 1
namely 1
national 1
nditional 1
ne 1
necessary 1
need 5
needed 2
next 5
ng 1
nmpeg 3
no 23
noise 1
non 1
not 26
noted 2
november 1
```

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```
now 6
ntsc 9
number 7
numerals 1
numerous 1
nv 7
obvious 2
occurs 1
odu 5
of 164
off 1
on 34
once 1
one 19
only 4
ons 1
onto 3
operating 1
operation 7
operations 2
optical 1
optics 1
option 4
optional 1
optionally 1
or 70
orded 1
order 5
original 8
ork 1
othe 1
other 19
otherwise 1
outdoor 2
outlined 1
output 15
outputs 2
over 6
overall 2
overhead 1
packages 2
packet 15
packetized 6
packets 21
pad 1
padicular 2
padicularly 2
page 20
```

```
pal 5
parabolic 1
parallel 1
parameters 2
part 2
particular 5
particularly 1
passed 3
passes 1
patent 2
path 2
pathway 1
paul 1
pause 1
pay 5
payload 3
payloads 3
pays 1
pc 1
pci 13
pcl 2
pd 20
pentiumtm 1
per 8
perform 2
performed 3
performing 2
performs 3
period 2
peripheral 4
peripherals 1
phase 1
phcp 1
picture 1
pidure 1
place 1
placed 1
playback 17
playing 2
plurality 6
pod 1
podable 1
podion 4
pods 1
point 7
pointed 1
pointers 1
polarization 1
```

```
polarizations 1
polarizgtion 1
port 6
possible 1
potential 1
power 2
ppv 50
practice 1
preferably 9
preferred 3
preseni 1
present 17
presented 1
prevent 1
previously 7
primarily 1
priority 1
proc 1
procedure 2
process 2
processed 2
processing 3
processor 44
processors 1
program 13
programm 1
programming 35
programs 4
propagation 2
protected 2
protection 3
provide 1
provided 8
provider 1
provides 2
provisional 2
pumoses 1
purpose 1
queue 1
radius 2
ram 1
range 1
ranges 1
ranging 1
rate 1
rating 1
rdable 1
rded 1
```

```
re 5
rea 1
reads 1
real 3
rebroadcast 1
rebroadcasts 1
receive 8
received 16
receiver 12
receivers 1
receives 8
receiving 5
reception 5
record 6
recorded 12
recorder 5
recording 16
records 1
recreate 2
recreates 1
ref 20
referen 1
reference 2
referred 2
referring 1
refresh 1
regarded 1
regarding 2
regardless 1
region 1
related 5
relates 2
relatively 2
relayed 1
rely 1
remainder 1
remote 3
removed 2
repeated 2
replaced 3
replayed 1
reproduction 1
required 2
requirements 1
resolution 1
respectively 1
responsible 1
rest 1
```

```
result 1
retrieved 3
rf 1
rhcp 3
right 1
risc 1
rl 1
rocessor 1
rom 1
routed 1
rp 1
rresponding 1
rt 3
runs 1
same 6
satellite 44
satellites 5
scale 1
scheduling 1
scheme 1
scid 4
scope 4
screen 1
screens 1
sdram 31
sdrams 3
searches 5
secam 4
second 3
section 1
see 1
seen 1
selected 10
selection 4
selects 3
seleds 1
send 1
sends 2
sent 18
separate 6
separately 2
sequential 1
sequentially 1
seri 1
serial 1
serves 1
service 1
serving 1
```

```
set 13
setdop 2
setting 1
setup 1
seventeen 1
she 1
shifted 4
shifts 3
shiq 1
shiqs 1
short 2
should 1
show 1
showing 2
shown 16
shows 2
side 1
signal 33
signals 31
similar 3
similarfashion 1
similarly 1
simultaneously 1
since 1
single 7
sion 1
skilled 2
small 1
smaller 1
so 6
some 4
sometimes 1
sound 1
source 1
sources 1
space 14
spdif 1
specific 5
specifically 1
specifications 1
spirit 2
spre 1
ssor 1
stad 1
stamped 2
stamps 2
standard 7
standards 5
```

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```
start 3
states 2
stati 2
station 5
stations 5
status 11
stb 61
stick 1
still 2
storage 17
stored 12
stores 2
storing 2
stream 14
strip 1
su 1
subjected 2
subscribers 1
subsequently 1
subsumed 1
such 27
sufficient 1
suitable 1
sul 1
sumcient 1
summa 1
summarizing 1
support 1
synchronous 1
system 31
systems 12
tape 1
technical 1
technique 1
techniquels 1
techniques 3
technology 2
telephone 1
television 26
temporarily 2
ten 1
termed 1
terms 2
terrestrial 1
than 3
that 41
the 540
their 2
```

```
them 2
then 19
there 1
thereafter 2
thereby 1
therein 3
thereto 2
therewith 1
these 4
they 1
thidy 1
third 1
this 26
those 4
three 1
through 3
thus 4
time 23
timer 1
times 1
timing 3
tion 1
tll 1
to 194
together 1
top 6
toward 3
transfers 6
transmission 4
transmit 7
transmits 7
transmitted 9
transmitters 3
transmitting 5
transp 1
transpod 14
transponder 15
transport 14
tream 1
tst 1
ttk 1
ttl 1
tty 1
tum 1
tums 1
tuner 3
tunes 3
turn 1
```

```
turns 1
tv 1
twelve 1
two 2
ty 1
type 8
types 1
typically 6
ultimately 1
under 1
understood 3
unique 1
uniquely 1
unit 5
united 2
units 4
unnecessarily 1
until 5
uojoj 1
up 7
upcoming 3
uplin 1
uplink 9
uplinked 2
uplinks 1
upon 2
urse 1
us 1
usable 1
use 6
used 11
useful 1
user 25
users 2
uses 2
using 6
usually 1
ut 1
utilized 7
utilizes 1
value 1
variations 1
varied 1
various 7
vhs 1
via 17
viable 1
vid 1
```

```
video 64
view 10
viewed 1
viewer 11
viewing 3
virtual 2
visual 2
wait 2
wants 1
was 1
watch 2
watching 1
waveforms 1
way 3
ways 1
week 2
well 3
when 21
where 2
whereas 1
wherein 1
whether 4
which 39
while 5
wide 2
will 9
wire 1
wireless 7
wishes 1
wit 1
with 51
within 19
without 1
word 8
words 4
world 1
would 3
wrapper 1
yap 1
```

yma 1